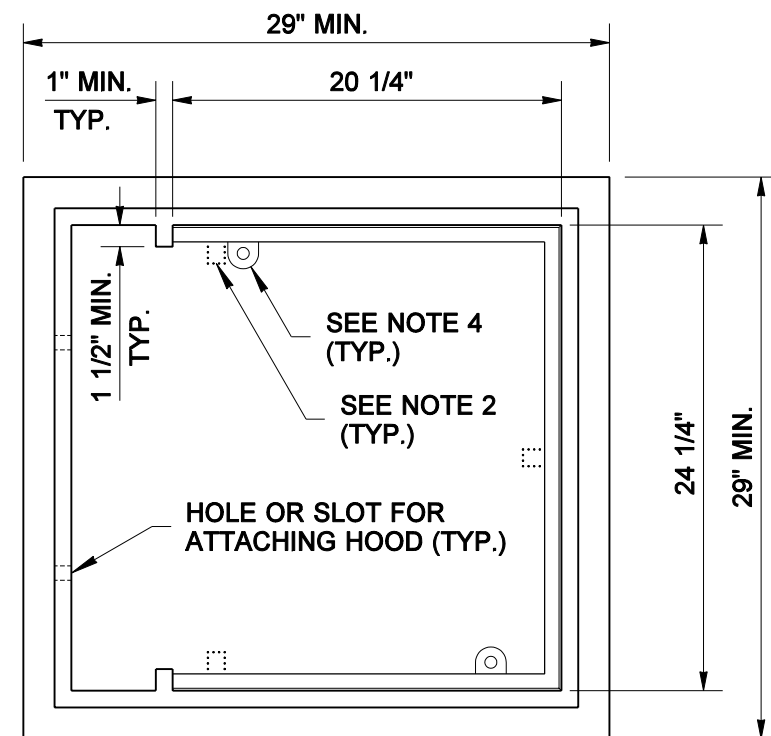
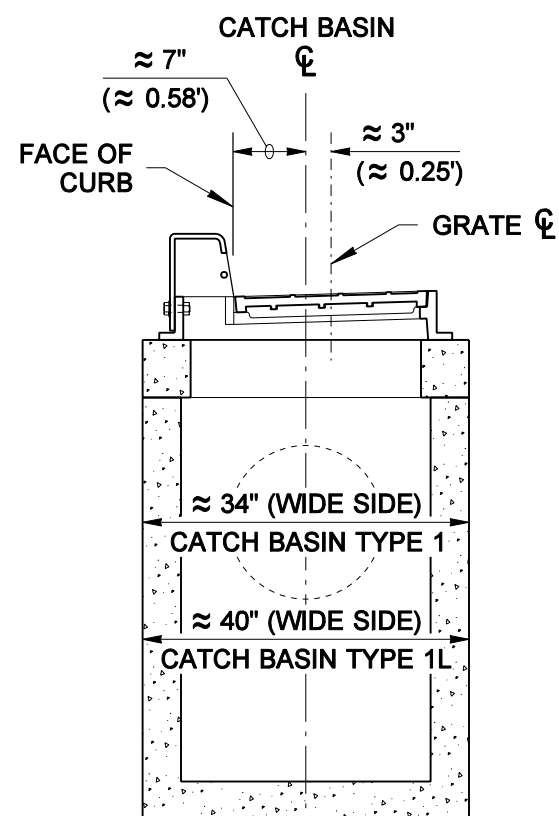
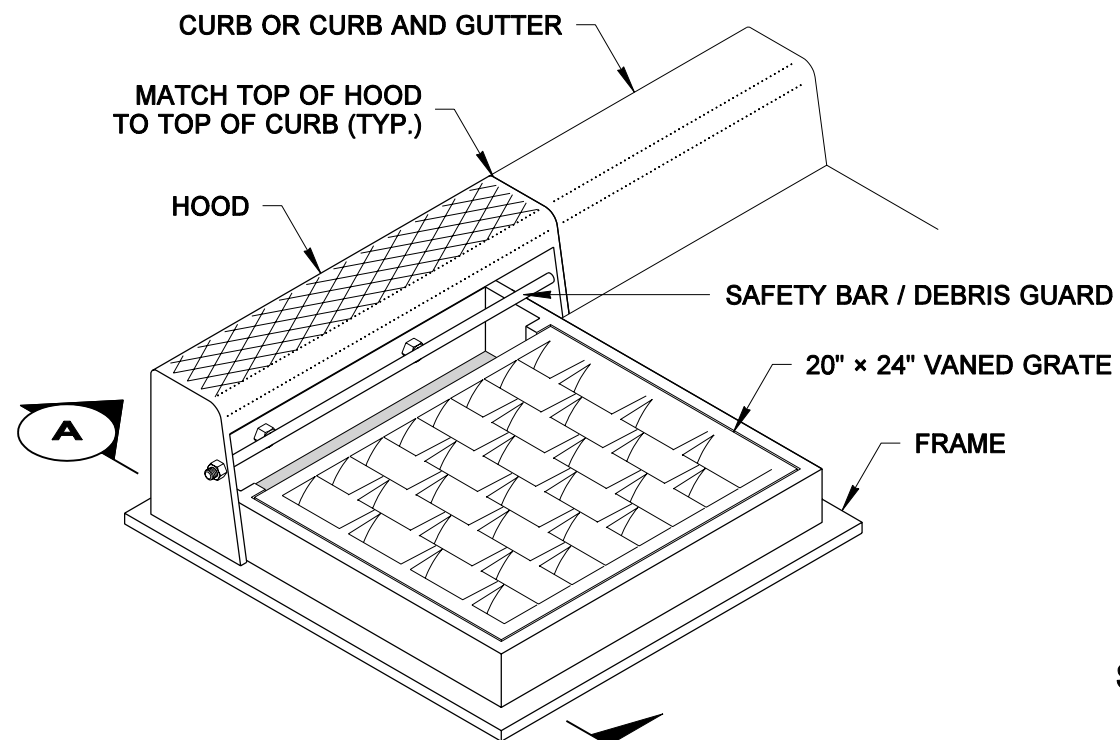


DETAIL SECTION A

TOP VIEW
FRAME DETAIL

SEE NOTE 1

SECTION A

ISOMETRIC VIEW
COMBINATION INLET
FRAME, HOOD, AND VANED GRATE

NOTES

1. The asymmetry of the Combination Inlet shall be considered when calculating the offset distance for the catch basin. See **SECTION A**.
2. The dimensions of the Frame and Hood may vary slightly among different manufacturers. The Frame may have cast features intended to support a grate guard. Hood units shall mount outside of the Frame. The methods for fastening the Safety Bar / Debris Guard Rod to the Hood may vary. The Hood may include casting lugs. The top of the Hood may be cast with a pattern.
3. Attach the Hood to the frame with two 3/4" x 2" hex head bolts, nuts, and oversize washers. The washers shall have diameters adequate to assure full bearing across the slots.
4. When bolt-down grates are specified in the contract, provide two holes in the frame that are vertically aligned with the grate slots. Tap each hole to accept a 5/8" x 11 NC x 2" allen head cap screw. Location of bolt-down holes varies among different manufacturers. See **BOLT-DOWN DETAIL**, Standard Plan B-30.10.
5. Only ductile iron Vaned Grates shall be used. See Standard Plans B-30.30 and B-30.40 for grate details. Refer to Standard Specification 9-05.15(2) for additional requirements.
6. This plan is intended to show the installation details of a manufactured product. It is not the intent of this plan to show the specific details necessary to fabricate the castings shown on this drawing.



COMBINATION INLET

STANDARD PLAN B-25.20-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

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STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation